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INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2003/001982

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 29/06, H04L 12/28, H04L 12/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L, H04Q, H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003039268 A1 (CHONG ET AL), 27 February 2003 (27.02.2003), page 2, column 1, line 51 - page 3, column 1, line 14; page 3, column 2, line 20 - column 2, line 45, figure 1, abstract --	1-18
A	US 2003053443 A1 (OWENS), 20 March 2003 (20.03.2003), page 3, column 1, line 27 - column 2, line 40; page 4, column 2, line 7 - column 2, line 30, figure 1, abstract --	1-18
A	WO 0131843 A2 (NOMADIX, INC.), 3 May 2001 (03.05.2001), page 4, line 6 - page 6, line 20, abstract -----	1-18

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

5 July 2004

Date of mailing of the international search report

12-07-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. + 46 8 666 02 86

Authorized officer

RALF BOSTRÖM/BS
Telephone No. + 46 8 782 25 00

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2004

International application No.

PCT/SE 2003/001982

US	2003039268	A1	27/02/2003	NONE		
US	2003053443	A1	20/03/2003	NONE		
WO	0131843	A2	03/05/2001	AU	1224301 A	08/05/2001
				AU	1340401 A	08/05/2001
				AU	2297601 A	08/05/2001
				AU	2614401 A	14/05/2001
				CA	2388623 A	03/05/2001
				CA	2388628 A	03/05/2001
				CN	1391754 T	15/01/2003
				CN	1433622 T	30/07/2003
				EP	1222775 A	17/07/2002
				EP	1222791 A	17/07/2002
				EP	1224788 A	24/07/2002
				IL	149223 D	00/00/0000
				IL	149227 D	00/00/0000
				JP	2003513514 T	08/04/2003
				JP	2003513524 T	08/04/2003
				WO	0131886 A	03/05/2001
				WO	0131889 A	03/05/2001
				WO	0133808 A	10/05/2001
				AU	1224101 A	08/05/2001
				WO	0131885 A	03/05/2001
				AU	1224201 A	08/05/2001
				EP	1232610 A	21/08/2002
				WO	0131861 A	03/05/2001
				AU	1098301 A	08/05/2001
				EP	1226687 A	31/07/2002
				WO	0131855 A	03/05/2001
				AU	1088501 A	08/05/2001
				CA	2388601 A	03/05/2001
				CN	1408169 T	02/04/2003
				EP	1234425 A	28/08/2002
				IL	149188 D	00/00/0000
				JP	2003513522 T	08/04/2003
				WO	0131883 A	03/05/2001
				US	6636894 B	21/10/2003